

## **IN THE DRAWINGS**

The Examiner has requested new corrected drawings. Applicant has submitted replacement Figures 3 and 4 with minor corrections. No new matter has been added.

## **IN THE SPECIFICATION**

**Please replace paragraph [0027] with the following:**

[0027] A mechanism for designing objects using functional modeling is described. Unlike conventional designing tools that require designers to focus on low level geometric details, functional modeling allows the designers to concentrate on behavioral parameters of design elements. Behavioral ~~parameter~~ parameters define the required engineering functionality of design elements.

**Please replace paragraph [0029] with the following:**

[0029] The user can select some specific behavioral parameters that reflect the functionality intended by the user for this design feature. In one embodiment, behavioral parameters specified by the user also define the relations between this design feature and other design elements associated with the object. For example, the user creating a hole in the existing body of the object may ~~specifies~~ specify that the wall thickness of the hole should be the same as the body thickness, thus requesting that the wall thickness of the hole be modified whenever the body thickness is changed.

**Please replace paragraph [0055] with the following:**

[0055] Cutouts 412, [[314]] 414 and 416 were each created using various behavioral parameters associated with the cutout feature. Cutout 412 was created by selecting a “use body thickness” option for parameter 406. As a result, the wall thickness of cutout 412 will be maintained the same as that of the body.